

NOV 04 2002

[illegible]

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(PTO-1449)

 ATTY. DOCKET NO.
52637-0015

 SERIAL NO.,
09754,007

 APPLICANT
A. Storm, et al.

 FILING DATE
January 2, 2001

 GROUP
2631


U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE

RECEIVED

AUG 31 2001

Technology Center 2600

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
elt	WO 00/54472	9/14/00	PCT				

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

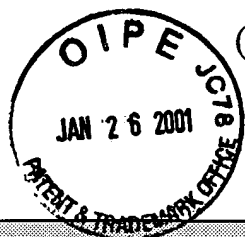
elt	Bellanger, M. G., "Adaptive Digital Filters and Signal Analysis", 1987, XP002169514, pp. 4-12 and 179-183.
elt	Dalle Mese, et al., "Fixed-Lag Smoother for Digital Channel Equalisation", Electronic Letters, IEE Stevenage, vol. 13, no. 12, 9 June 1977, pg. 366-367, XP0000761143, ISSN: 0013-5194.
elt	Chen, W. Y., "DSL: Simulation Techniques and Standards Development for Digital Subscriber Line Systems", 1988, XP002169513, pp. 8, 9, 11, 149-159.

EXAMINER KHAI TRAN

DATE CONSIDERED 7/23/01

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE CITATION IN AN APPLICATION



(PTO-1449)

 ATTY. DOCKET NO.
52637-0015

 SERIAL NO.,
09/754,007

 APPLICANT
STORM, et al.

 FILING DATE
January 2, 2001

 GROUP
Not Yet Assigned

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>UK</i>	5,432,821	07/11/95	Polydoras et al.	375	340	12/02/92

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
<i>UK</i>	WO 97/40587	Oct. 30, 1997					
<i>UK</i>	WO 98/59450	Dec. 30, 1998					
<i>UK</i>	EP 0 795 985 A2	Sep. 17, 1997					
<i>UK</i>	EP 0 912 023 A1	Apr. 28, 1999					

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>UK</i>	Van Bladel, Mark and Moeneclaey, Marc, "Time-domain Equalization for Multicarrier Communication," IEEE Global Telecommunications Conference, Nov. 14, 1995, pgs 167-171.
<i>UK</i>	Lashkarian, Navid and Kiaei, Sayfe, "Fast Algorithm for Finite-Length MMSE Equalizers with Application to Discrete Multitone Systems," IEEE International Conference on Acoustics, Speech, and Signal Processing, Mar. 15, 1999, pgs 2753-2756.

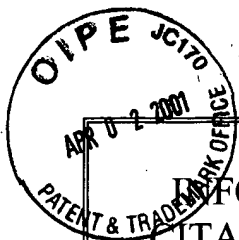
EXAMINER

KHAN TRAN

DATE CONSIDERED

2/23/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE
CITATION IN AN APPLICATION

(PTO-1449)

ATTY. DOCKET NO.
52367-0015SERIAL NO.,
09/754,007RECEIVED
APR 0 4 2001
Technology Center 2600APPLICANT
A. Storm, et al.FILING DATE
January 2, 2001GROUP
2631

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
ll	5,068,873	11/26/91	Murakami	375	13	10/29/90
ll	5,111,481	5/5/92	Chen et al.	375	14	11/17/89
ll	5,432,816	7/11/95	Gozzo	375	232	4/10/92
ll	5,715,280	2/3/98	Sandberg et al.	375	260	6/20/96

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

KHAI TRAN

DATE CONSIDERED

7/23/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.